

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
October 2018	2.361	2.148	2.046	2.725	2.451	2.263	2.962	NA	2.419	2.445	2.172	2.090
September 2018	2.352	2.187	2.093	2.679	2.483	2.296	2.897	NA	2.446	2.431	2.213	2.136
October 2017	1.970	1.838	1.689	2.270	1.981	1.868	2.479	NA	2.031	2.044	1.860	1.730
PAD District 1												
October 2018	2.211	W	1.952	2.466	W	2.137	2.684	W	2.291	2.277	W	1.992
September 2018	2.214	W	2.019	2.470	W	2.199	2.683	W	2.356	2.282	W	2.060
October 2017	1.895	NA	1.635	2.154	W	1.795	2.362	W	1.970	1.961	NA	1.676
Subdistrict 1A												
October 2018	W	W	1.985	W	-	2.166	W	-	2.253	W	W	2.020
September 2018	W	W	2.090	W	-	2.260	W	-	2.363	W	W	2.128
October 2017	W	W	1.666	W	-	1.768	W	-	1.976	W	W	1.704
Connecticut												
October 2018	-	W	1.985	-	-	2.125	-	-	2.287	-	W	2.029
September 2018	-	W	2.097	-	-	2.227	-	-	2.399	-	W	2.142
October 2017	-	W	1.670	-	-	1.800	-	-	2.029	-	W	1.720
Maine												
October 2018	-	-	2.051	-	-	W	-	-	W	-	-	2.074
September 2018	-	-	2.136	-	-	W	-	-	W	-	-	2.163
October 2017	-	-	1.698	-	-	W	-	-	W	-	-	1.720
Massachusetts												
October 2018	W	-	1.968	W	-	2.078	W	-	2.186	W	-	1.997
September 2018	W	-	2.067	W	-	2.159	W	-	2.296	W	-	2.099
October 2017	W	-	1.664	W	-	1.774	W	-	1.909	W	-	1.698
New Hampshire												
October 2018	W	-	W	W	-	-	W	-	W	W	-	W
September 2018	W	-	W	W	-	-	W	-	W	W	-	W
October 2017	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
October 2018	W	-	W	W	-	W	W	-	2.208	W	-	2.001
September 2018	W	-	W	W	-	W	W	-	2.325	W	-	2.114
October 2017	W	-	NA	W	-	W	W	-	W	W	-	W
Vermont												
October 2018	-	-	1.975	-	-	W	-	-	2.290	-	-	W
September 2018	-	-	2.066	-	-	W	-	-	2.379	-	-	W
October 2017	-	-	W	-	-	W	-	-	1.951	-	-	1.692
Subdistrict 1B												
October 2018	2.242	-	1.954	2.475	-	2.089	2.674	-	2.244	2.314	-	1.991
September 2018	2.256	W	2.041	2.489	-	2.166	2.678	-	2.328	2.330	W	2.077
October 2017	1.912	-	1.638	2.149	-	1.754	2.338	-	1.901	1.987	-	1.673
Delaware												
October 2018	W	-	1.957	W	-	2.081	W	-	2.185	W	-	1.982
September 2018	W	-	2.043	W	-	2.174	W	-	2.281	W	-	2.066
October 2017	W	-	1.632	W	-	1.744	W	-	1.825	W	-	1.653
District of Columbia												
October 2018	-	-	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-	-	-
October 2017	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
October 2018	-	-	1.947	-	-	2.042	-	-	2.201	-	-	1.983
September 2018	-	-	2.021	-	-	2.105	-	-	2.269	-	-	2.055
October 2017	-	-	1.624	-	-	1.726	-	-	1.880	-	-	1.660
New Jersey												
October 2018	W	-	1.930	W	-	2.063	W	-	2.182	W	-	1.961
September 2018	W	-	2.025	W	-	2.154	W	-	2.281	W	-	2.056
October 2017	W	-	1.621	W	-	1.749	W	-	1.855	W	-	1.651
New York												
October 2018	2.279	-	1.997	2.501	-	2.296	2.701	-	2.337	2.353	-	2.052
September 2018	2.283	W	2.078	2.501	-	2.358	2.690	-	2.411	2.358	W	2.135
October 2017	1.959	-	1.674	2.181	-	1.880	2.367	-	1.992	2.034	-	1.726
Pennsylvania												
October 2018	W	-	1.945	W	-	2.087	W	-	2.229	W	-	1.971
September 2018	W	-	2.040	W	-	2.185	W	-	2.322	W	-	2.062
October 2017	W	-	1.635	W	-	1.747	W	-	1.861	W	-	1.659

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
October 2018	W	W	1.946	W	W	2.150	W	W	2.328	W	W	1.989
September 2018	W	W	1.997	W	W	2.204	W	W	2.373	W	W	2.041
October 2017	W	NA	1.629	W	W	1.811	W	W	2.021	W	W	1.674
Florida												
October 2018	W	2.019	1.976	W	-	2.213	W	W	2.363	W	2.025	2.022
September 2018	W	2.078	2.018	W	-	2.266	W	W	2.405	W	2.079	2.067
October 2017	W	W	1.676	W	-	1.881	W	-	2.069	W	W	1.726
Georgia												
October 2018	W	W	1.931	W	-	2.103	W	-	2.342	W	W	1.977
September 2018	W	W	1.985	W	-	2.162	W	-	2.393	W	W	2.031
October 2017	W	W	1.601	W	-	1.774	W	-	2.026	W	W	1.648
North Carolina												
October 2018	W	W	1.922	W	-	2.153	W	W	2.319	W	W	1.965
September 2018	W	W	1.974	W	-	2.205	W	W	2.360	W	W	2.022
October 2017	W	-	1.595	W	-	1.803	W	-	1.996	W	-	1.639
South Carolina												
October 2018	W	W	1.917	W	W	2.166	W	W	2.316	W	W	1.953
September 2018	W	W	1.973	W	W	2.221	W	W	2.371	W	W	2.013
October 2017	W	W	1.599	W	W	1.836	W	W	2.004	W	W	1.638
Virginia												
October 2018	-	-	1.949	-	-	2.070	-	-	2.254	-	-	1.986
September 2018	-	-	2.002	-	-	2.120	-	-	2.299	-	-	2.039
October 2017	W	-	1.633	W	-	1.758	W	-	1.948	W	-	1.672
West Virginia												
October 2018	W	W	1.973	W	-	2.165	W	-	2.328	W	W	1.993
September 2018	W	W	2.049	W	-	2.262	W	-	2.531	W	W	2.069
October 2017	W	-	1.658	W	-	1.824	W	-	2.112	W	-	1.683
PAD District 2												
October 2018	W	2.095	1.953	2.473	W	2.103	W	2.450	2.299	W	2.122	1.981
September 2018	W	2.156	2.058	2.528	W	2.211	W	2.491	2.410	W	2.181	2.088
October 2017	W	1.839	1.676	2.128	W	1.821	W	W	2.058	W	1.859	1.708
Illinois												
October 2018	W	2.181	1.940	W	-	2.088	W	-	2.280	W	2.181	1.973
September 2018	W	2.273	2.065	W	-	2.221	W	-	2.419	W	2.273	2.102
October 2017	W	1.929	1.710	W	-	1.868	W	-	2.094	W	1.929	1.749
Indiana												
October 2018	W	W	1.931	W	-	2.109	W	W	2.325	W	W	1.957
September 2018	W	W	2.046	W	-	2.229	W	-	2.440	W	W	2.073
October 2017	W	W	1.672	W	-	1.867	W	-	2.095	W	W	1.702
Iowa												
October 2018	-	W	1.991	-	-	2.103	-	-	2.307	-	W	2.022
September 2018	-	W	2.103	-	-	2.211	-	-	2.404	-	W	2.136
October 2017	-	W	1.709	-	-	1.825	-	-	2.056	-	W	1.744
Kansas												
October 2018	W	W	1.956	W	W	2.070	-	-	2.170	W	W	1.973
September 2018	W	W	2.068	W	W	2.187	-	-	2.282	W	W	2.088
October 2017	W	W	1.662	W	W	1.789	-	-	1.928	W	W	1.683
Kentucky												
October 2018	W	W	1.981	W	-	2.142	W	W	2.373	W	W	2.004
September 2018	W	W	2.042	W	-	2.215	W	W	2.436	W	W	2.065
October 2017	W	W	1.692	W	-	1.866	W	-	2.090	W	W	1.718
Michigan												
October 2018	W	W	1.940	W	-	2.243	W	W	2.424	W	W	1.969
September 2018	W	W	2.060	W	-	2.401	W	W	2.565	W	W	2.093
October 2017	W	W	1.686	W	-	1.892	W	W	2.204	W	W	1.718
Minnesota												
October 2018	2.320	W	1.988	2.536	W	2.063	W	W	2.228	2.364	W	2.009
September 2018	W	W	2.097	W	W	2.186	W	W	2.336	W	W	2.120
October 2017	W	W	1.671	W	W	1.752	W	-	1.946	W	W	1.697
Missouri												
October 2018	-	W	1.970	-	-	2.099	-	-	2.260	-	W	1.992
September 2018	-	W	2.054	-	-	2.189	-	-	2.353	-	W	2.077
October 2017	-	-	1.680	-	-	1.835	-	-	2.043	-	-	1.701

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 2 (cont.)												
Nebraska												
October 2018	W	W	1.992	W	-	2.109	-	-	2.275	W	W	2.020
September 2018	W	W	2.099	W	-	2.216	-	-	2.380	W	W	2.127
October 2017	W	W	1.713	W	-	1.869	-	-	2.049	W	W	1.747
North Dakota												
October 2018	W	W	2.002	W	W	2.149	W	W	2.388	W	W	2.038
September 2018	W	W	2.148	W	W	2.282	W	W	2.528	W	W	2.185
October 2017	W	W	1.702	W	W	1.871	W	W	2.199	W	W	1.747
Ohio												
October 2018	W	W	1.940	W	-	2.184	W	W	2.369	W	W	1.971
September 2018	W	W	2.056	W	-	2.297	W	W	2.498	W	W	2.088
October 2017	W	W	1.679	W	-	1.913	W	W	2.149	W	W	1.714
Oklahoma												
October 2018	W	W	1.995	W	-	2.137	W	-	2.209	W	W	2.023
September 2018	W	W	2.101	W	-	2.227	W	-	2.300	W	W	2.122
October 2017	W	W	1.706	W	-	1.884	W	-	1.970	W	W	1.735
South Dakota												
October 2018	W	W	2.047	W	W	2.105	W	W	2.334	W	W	2.071
September 2018	W	W	2.143	W	W	2.207	W	W	2.470	W	W	2.170
October 2017	W	W	1.721	W	W	1.800	W	W	2.064	W	W	1.753
Tennessee												
October 2018	W	W	1.914	W	-	2.072	W	W	2.265	W	W	1.945
September 2018	W	W	1.963	W	-	2.116	W	W	2.306	W	W	1.993
October 2017	W	W	1.580	W	-	1.747	W	W	1.943	W	W	1.613
Wisconsin												
October 2018	W	W	1.967	W	-	2.098	W	W	2.378	W	W	1.997
September 2018	W	W	2.101	W	-	2.244	W	W	2.522	W	W	2.136
October 2017	W	W	1.700	W	-	1.836	W	W	2.106	W	W	1.733
PAD District 3												
October 2018	2.377	W	1.961	2.629	W	2.095	2.872	2.355	2.223	2.434	W	1.985
September 2018	2.311	2.118	2.002	2.567	W	2.151	2.801	2.376	2.261	2.369	2.156	2.025
October 2017	NA	1.747	1.626	2.198	-	1.748	2.391	W	1.900	2.056	W	1.652
Alabama												
October 2018	-	W	1.924	-	-	2.195	-	W	2.353	-	W	1.961
September 2018	-	W	1.967	-	-	2.241	-	W	2.390	-	W	2.005
October 2017	-	W	1.586	-	-	1.788	-	W	2.028	-	W	1.625
Arkansas												
October 2018	-	-	1.961	-	-	2.141	-	-	2.269	-	-	1.985
September 2018	-	-	2.030	-	-	2.183	-	-	2.326	-	-	2.054
October 2017	-	-	1.638	-	-	1.804	-	-	1.970	-	-	1.664
Louisiana												
October 2018	-	W	1.961	-	-	2.064	-	-	2.188	-	W	1.985
September 2018	-	W	1.994	-	-	2.128	-	-	2.224	-	W	2.021
October 2017	-	W	1.611	-	-	1.735	-	-	1.872	-	W	1.635
Mississippi												
October 2018	-	-	1.973	-	-	2.116	-	-	2.333	-	-	1.994
September 2018	-	-	1.993	-	-	2.150	-	-	2.371	-	-	2.011
October 2017	-	-	1.630	-	-	1.755	-	-	2.013	-	-	1.651
New Mexico												
October 2018	2.388	W	2.058	2.617	-	2.184	W	W	2.401	2.452	W	2.099
September 2018	2.339	W	2.142	2.586	-	2.277	W	W	2.479	2.407	W	2.183
October 2017	2.016	W	1.756	2.184	-	1.884	W	W	2.104	2.065	W	1.799
Texas												
October 2018	W	W	1.960	W	W	2.047	W	-	2.197	W	W	1.981
September 2018	W	W	2.002	W	W	2.118	W	W	2.234	W	W	2.022
October 2017	W	W	1.628	W	-	1.724	W	W	1.871	W	W	1.651

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
October 2018	W	2.386	2.173	2.733	W	2.402	3.010	W	2.509	W	2.434	2.234
September 2018	W	2.404	2.213	2.737	W	2.415	3.062	W	2.549	W	2.485	2.274
October 2017	W	1.963	1.774	2.278	W	1.952	2.540	W	2.109	W	2.044	1.834
Colorado												
October 2018	W	2.428	2.141	2.768	W	2.364	W	W	2.540	2.623	2.448	2.211
September 2018	W	2.398	2.281	2.715	W	2.454	W	W	2.677	2.604	2.439	2.352
October 2017	W	W	1.784	2.291	W	1.921	W	W	2.175	2.156	2.076	1.850
Idaho												
October 2018	W	W	2.290	W	W	2.403	W	NA	2.534	W	W	2.325
September 2018	W	W	2.204	W	W	2.356	W	NA	2.464	W	W	2.243
October 2017	W	W	1.822	W	W	1.976	W	W	2.067	W	W	1.859
Montana												
October 2018	W	W	2.172	W	W	W	W	W	2.629	W	W	2.241
September 2018	W	W	2.245	W	W	W	W	W	2.709	W	W	2.317
October 2017	W	W	1.796	W	-	W	W	W	2.260	W	W	1.871
Utah												
October 2018	W	W	2.190	W	W	2.475	W	-	2.430	W	W	2.246
September 2018	W	W	2.097	W	W	2.385	W	-	2.337	W	W	2.153
October 2017	W	W	1.735	W	W	2.006	W	-	1.976	W	W	1.791
Wyoming												
October 2018	W	W	2.091	W	-	2.290	W	-	W	W	W	2.147
September 2018	W	W	2.185	W	-	2.453	W	-	W	W	W	2.249
October 2017	W	W	1.732	W	-	1.878	W	-	W	W	W	1.792
PAD District 5												
October 2018	2.905	2.538	2.436	3.103	2.728	2.627	3.259	2.765	2.708	2.986	2.558	2.487
September 2018	2.749	2.523	2.357	2.947	2.729	2.549	3.085	2.743	2.629	2.830	2.545	2.409
October 2017	2.287	2.025	1.853	2.454	NA	2.030	2.598	2.315	2.121	2.363	2.045	1.905
Alaska												
October 2018	W	W	W	W	-	W	W	W	2.716	W	W	W
September 2018	W	W	W	W	-	W	W	W	2.724	W	W	W
October 2017	W	W	W	W	W	W	W	W	2.362	W	W	W
Arizona												
October 2018	W	W	2.216	W	W	2.476	W	W	2.477	W	W	2.248
September 2018	W	W	2.197	W	W	2.414	W	W	2.438	W	W	2.227
October 2017	W	W	1.727	W	W	1.913	W	W	1.979	W	W	1.758
California												
October 2018	2.987	NA	2.527	3.160	W	2.661	3.294	-	2.766	3.066	NA	2.578
September 2018	2.798	W	2.445	2.991	-	2.587	3.110	-	2.686	2.882	W	2.497
October 2017	2.315	NA	1.932	2.474	-	2.064	2.608	-	2.179	2.394	NA	1.986
Hawaii												
October 2018	W	W	W	W	W	W	W	W	W	W	W	W
September 2018	W	W	W	W	W	W	W	W	W	W	W	W
October 2017	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
October 2018	W	W	2.300	W	-	2.499	W	-	2.536	W	W	2.349
September 2018	W	W	2.243	W	-	2.378	W	-	2.474	W	W	2.289
October 2017	W	W	1.768	W	-	1.899	W	-	1.986	W	W	1.816
Oregon												
October 2018	2.776	-	2.299	2.968	-	2.484	3.100	-	2.574	2.825	-	2.330
September 2018	2.669	-	2.191	2.865	-	2.378	2.984	-	2.475	2.718	-	2.226
October 2017	2.246	-	1.700	2.427	-	1.861	2.548	-	1.946	2.293	-	1.729
Washington												
October 2018	2.662	W	2.368	2.892	W	2.581	3.122	W	2.670	2.728	W	2.418
September 2018	2.475	W	2.253	2.722	W	2.478	2.880	W	2.564	2.537	W	2.305
October 2017	2.121	W	1.716	2.335	W	1.906	2.473	W	2.000	2.180	W	1.762

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2018	W	3.099	2.349	2.296	W	2.437
September 2018	W	3.124	2.257	2.214	3.189	2.246
October 2017	W	2.716	1.743	1.704	W	1.805
PAD District 1						
October 2018	W	3.170	2.327	2.310	W	2.482
September 2018	W	3.139	2.251	2.226	3.098	2.328
October 2017	W	2.783	1.755	1.737	W	1.878
Subdistrict 1A						
October 2018	-	W	2.387	2.332	W	-
September 2018	-	W	2.313	2.284	W	-
October 2017	-	W	1.819	1.772	W	-
Connecticut						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Maine						
October 2018	-	W	W	W	-	-
September 2018	-	W	W	W	-	-
October 2017	-	W	W	W	-	-
Massachusetts						
October 2018	-	-	W	2.328	W	-
September 2018	-	-	2.281	2.280	W	-
October 2017	-	-	W	1.768	W	-
New Hampshire						
October 2018	-	-	W	W	W	-
September 2018	-	-	W	W	W	-
October 2017	-	-	W	W	W	-
Rhode Island						
October 2018	-	-	W	W	W	-
September 2018	-	-	W	W	W	-
October 2017	-	-	W	W	W	-
Vermont						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Subdistrict 1B						
October 2018	W	3.236	2.326	2.288	3.194	2.442
September 2018	W	3.261	2.262	2.207	3.098	2.314
October 2017	W	2.913	1.747	1.725	W	1.832
Delaware						
October 2018	-	-	-	W	W	W
September 2018	-	-	-	-	W	W
October 2017	-	-	-	W	W	W
District of Columbia						
October 2018	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
October 2017	-	-	-	-	-	-
Maryland						
October 2018	-	-	W	2.311	-	W
September 2018	-	-	W	2.221	-	W
October 2017	-	-	W	1.720	-	W
New Jersey						
October 2018	-	-	2.321	2.283	W	2.441
September 2018	-	-	2.250	2.218	W	W
October 2017	-	-	1.731	NA	W	W
New York						
October 2018	-	W	2.333	2.383	W	2.564
September 2018	W	W	2.270	2.306	W	2.526
October 2017	W	W	1.768	1.797	W	W
Pennsylvania						
October 2018	W	W	W	2.312	3.270	W
September 2018	-	W	W	2.182	3.147	W
October 2017	-	W	W	1.708	W	2.367

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2018	W	3.141	2.323	2.341	W	2.724
September 2018	W	3.094	2.238	2.266	W	2.668
October 2017	-	2.735	1.755	1.756	W	2.296
Florida						
October 2018	-	3.097	2.324	2.351	W	-
September 2018	-	3.044	2.240	2.278	W	-
October 2017	-	2.675	1.772	1.760	W	-
Georgia						
October 2018	W	W	W	2.276	-	W
September 2018	W	W	W	2.276	-	W
October 2017	-	W	W	1.740	-	W
North Carolina						
October 2018	-	W	W	2.315	W	W
September 2018	-	W	W	2.209	W	W
October 2017	-	W	W	1.766	W	W
South Carolina						
October 2018	-	-	W	2.351	W	W
September 2018	-	-	W	2.269	W	W
October 2017	-	-	W	1.739	W	W
Virginia						
October 2018	-	W	2.308	W	-	W
September 2018	-	W	2.221	W	-	W
October 2017	-	W	1.718	W	-	W
West Virginia						
October 2018	-	-	W	W	W	-
September 2018	-	-	W	W	W	-
October 2017	-	-	W	W	W	-
PAD District 2						
October 2018	W	3.139	2.358	2.318	W	2.787
September 2018	W	3.157	2.263	2.247	W	2.741
October 2017	W	NA	1.750	1.728	W	2.428
Illinois						
October 2018	W	W	2.409	W	W	W
September 2018	W	W	2.291	W	W	W
October 2017	W	W	NA	W	W	W
Indiana						
October 2018	-	-	2.345	2.359	W	2.965
September 2018	-	-	2.249	2.258	W	W
October 2017	-	-	1.745	1.756	W	2.646
Iowa						
October 2018	-	-	W	2.376	-	-
September 2018	-	-	W	2.311	-	-
October 2017	-	-	1.874	1.798	-	W
Kansas						
October 2018	W	W	W	W	-	W
September 2018	W	W	W	W	-	W
October 2017	W	W	W	W	-	W
Kentucky						
October 2018	-	W	2.316	W	W	W
September 2018	W	W	2.238	2.227	W	W
October 2017	-	W	W	W	W	W
Michigan						
October 2018	W	-	W	2.305	W	W
September 2018	-	-	W	2.212	W	W
October 2017	W	-	NA	1.685	W	W
Minnesota						
October 2018	W	W	2.322	W	W	W
September 2018	W	W	2.235	W	W	W
October 2017	W	W	W	W	W	W
Missouri						
October 2018	W	W	W	W	-	W
September 2018	W	-	W	W	-	-
October 2017	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2018	W	-	W	W	-	-
September 2018	W	-	W	W	-	-
October 2017	W	-	W	W	-	-
North Dakota						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Ohio						
October 2018	W	W	2.368	2.290	W	W
September 2018	W	W	2.276	2.218	W	W
October 2017	-	W	1.755	1.679	W	W
Oklahoma						
October 2018	W	-	W	2.352	-	W
September 2018	W	-	W	2.267	-	W
October 2017	W	-	W	1.810	-	W
South Dakota						
October 2018	W	-	W	-	-	-
September 2018	-	-	W	-	-	-
October 2017	-	-	W	-	-	-
Tennessee						
October 2018	W	3.154	W	2.336	W	W
September 2018	W	W	2.220	2.250	W	W
October 2017	-	2.829	W	1.734	W	W
Wisconsin						
October 2018	-	-	2.430	W	W	W
September 2018	-	-	2.300	W	W	W
October 2017	-	-	W	W	W	W
PAD District 3						
October 2018	W	2.929	2.321	2.258	-	2.313
September 2018	W	2.909	2.259	2.183	-	2.211
October 2017	W	2.486	1.718	1.676	-	1.684
Alabama						
October 2018	-	W	2.344	2.335	-	W
September 2018	-	W	2.269	2.256	-	W
October 2017	-	-	1.725	1.730	-	W
Arkansas						
October 2018	-	-	W	2.420	-	-
September 2018	W	W	W	W	-	-
October 2017	W	-	W	1.842	-	-
Louisiana						
October 2018	W	3.014	2.277	2.243	-	W
September 2018	-	2.965	2.197	2.182	-	W
October 2017	-	2.678	1.689	1.664	-	W
Mississippi						
October 2018	-	W	2.278	2.242	-	W
September 2018	-	W	2.198	2.148	-	-
October 2017	-	W	W	1.665	-	W
New Mexico						
October 2018	W	-	W	W	-	-
September 2018	W	-	W	W	-	-
October 2017	W	-	W	W	-	-
Texas						
October 2018	W	W	2.336	2.268	-	W
September 2018	W	W	2.283	2.187	-	W
October 2017	W	W	1.733	1.683	-	2.197

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2018	W	W	2.440	2.399	W	-
September 2018	W	W	2.330	2.312	-	-
October 2017	W	W	1.801	1.767	-	-
Colorado						
October 2018	W	-	2.380	2.363	-	-
September 2018	W	-	2.290	2.283	-	-
October 2017	W	-	W	NA	-	-
Idaho						
October 2018	-	-	W	2.512	W	-
September 2018	-	-	W	2.410	-	-
October 2017	-	-	W	1.932	-	-
Montana						
October 2018	-	W	W	W	-	-
September 2018	W	W	W	W	-	-
October 2017	-	W	W	W	-	-
Utah						
October 2018	W	W	2.460	2.475	-	-
September 2018	W	W	2.336	2.372	-	-
October 2017	W	W	1.777	1.776	-	-
Wyoming						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
PAD District 5						
October 2018	W	3.142	2.360	2.343	-	W
September 2018	W	3.265	2.249	2.240	-	W
October 2017	W	2.968	1.745	1.721	W	W
Alaska						
October 2018	W	W	W	W	-	-
September 2018	W	W	W	W	-	-
October 2017	W	W	W	W	-	-
Arizona						
October 2018	W	W	2.391	2.387	-	-
September 2018	W	W	2.281	2.272	-	-
October 2017	W	W	1.794	1.777	-	-
California						
October 2018	W	W	2.352	2.325	-	W
September 2018	W	3.206	2.235	2.220	-	W
October 2017	-	2.926	1.734	1.709	-	W
Hawaii						
October 2018	-	W	W	W	-	-
September 2018	-	W	W	W	-	-
October 2017	-	W	W	W	-	-
Nevada						
October 2018	-	-	W	2.369	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Oregon						
October 2018	-	3.452	2.403	2.387	-	-
September 2018	-	3.269	2.280	2.277	-	-
October 2017	-	3.059	W	1.782	-	-
Washington						
October 2018	-	W	2.342	2.384	-	-
September 2018	-	W	2.235	2.280	-	-
October 2017	-	W	1.744	1.735	W	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report."

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
October 2018	2.850	2.665	2.489	2.373	-	W
September 2018	W	2.560	2.388	2.280	-	W
October 2017	2.452	2.206	1.983	1.846	-	W
PAD District 1						
October 2018	-	W	2.514	2.340	-	-
September 2018	-	2.633	2.415	2.251	-	-
October 2017	-	2.173	2.021	1.809	-	-
Subdistrict 1A						
October 2018	-	-	W	2.345	-	-
September 2018	-	-	W	2.270	-	-
October 2017	-	-	W	1.824	-	-
Connecticut						
October 2018	-	-	W	2.307	-	-
September 2018	-	-	W	2.251	-	-
October 2017	-	-	W	NA	-	-
Maine						
October 2018	-	-	-	W	-	-
September 2018	-	-	-	W	-	-
October 2017	-	-	-	1.826	-	-
Massachusetts						
October 2018	-	-	W	2.371	-	-
September 2018	-	-	W	2.284	-	-
October 2017	-	-	W	1.822	-	-
New Hampshire						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Rhode Island						
October 2018	-	-	W	NA	-	-
September 2018	-	-	W	NA	-	-
October 2017	-	-	W	1.828	-	-
Vermont						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Subdistrict 1B						
October 2018	-	W	W	2.327	-	-
September 2018	-	2.477	W	2.238	-	-
October 2017	-	2.118	W	1.783	-	-
Delaware						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	2.239	-	-
October 2017	-	-	W	1.798	-	-
District of Columbia						
October 2018	-	-	-	W	-	-
September 2018	-	-	-	W	-	-
October 2017	-	-	-	W	-	-
Maryland						
October 2018	-	-	W	2.331	-	-
September 2018	-	-	-	2.247	-	-
October 2017	-	-	W	1.813	-	-
New Jersey						
October 2018	-	-	2.542	2.320	-	-
September 2018	-	-	2.423	2.233	-	-
October 2017	-	-	1.994	1.755	-	-
New York						
October 2018	-	W	2.651	2.374	-	-
September 2018	-	W	2.544	2.308	-	-
October 2017	-	W	2.141	1.839	-	-
Pennsylvania						
October 2018	-	W	2.505	2.324	-	-
September 2018	-	W	2.386	2.230	-	-
October 2017	-	W	1.931	1.802	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
October 2018	-	W	2.484	2.355	-	-
September 2018	-	W	2.390	2.263	-	-
October 2017	-	W	2.036	1.842	-	-
Florida						
October 2018	-	-	2.507	2.382	-	-
September 2018	-	-	2.417	2.289	-	-
October 2017	-	-	1.998	1.875	-	-
Georgia						
October 2018	-	W	2.371	2.349	-	-
September 2018	-	W	2.267	2.258	-	-
October 2017	-	W	1.823	1.829	-	-
North Carolina						
October 2018	-	-	2.483	2.334	-	-
September 2018	-	-	2.389	2.254	-	-
October 2017	-	-	W	1.809	-	-
South Carolina						
October 2018	-	-	W	2.333	-	-
September 2018	-	-	2.489	2.249	-	-
October 2017	-	-	W	1.813	-	-
Virginia						
October 2018	-	-	W	2.336	-	-
September 2018	-	-	W	2.240	-	-
October 2017	-	-	1.978	1.827	-	-
West Virginia						
October 2018	-	-	W	2.387	-	-
September 2018	-	-	W	2.268	-	-
October 2017	-	-	W	1.898	-	-
PAD District 2						
October 2018	2.938	2.653	2.488	2.391	-	-
September 2018	W	2.539	2.381	2.300	-	-
October 2017	2.286	2.161	1.983	1.902	-	W
Illinois						
October 2018	W	2.715	2.593	2.366	-	-
September 2018	NA	W	2.480	2.276	-	-
October 2017	W	2.525	W	1.913	-	-
Indiana						
October 2018	-	W	W	2.374	-	-
September 2018	-	W	W	2.275	-	-
October 2017	-	W	W	1.917	-	-
Iowa						
October 2018	-	2.620	2.478	2.437	-	-
September 2018	-	W	W	2.349	-	-
October 2017	-	2.118	1.959	1.916	-	-
Kansas						
October 2018	W	2.616	2.375	2.393	-	-
September 2018	-	2.382	2.263	2.300	-	-
October 2017	W	2.103	1.855	1.866	-	-
Kentucky						
October 2018	W	W	2.461	2.406	-	-
September 2018	-	W	2.360	2.305	-	-
October 2017	W	W	W	1.904	-	W
Michigan						
October 2018	W	W	2.611	2.398	-	-
September 2018	W	W	2.517	2.299	-	-
October 2017	W	W	W	1.923	-	-
Minnesota						
October 2018	W	2.705	2.558	2.492	-	-
September 2018	W	2.586	2.431	2.378	-	-
October 2017	W	2.132	2.015	1.915	-	-
Missouri						
October 2018	W	2.700	2.389	2.414	-	-
September 2018	W	2.593	W	2.321	-	-
October 2017	-	2.149	W	1.902	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
October 2018	W	2.689	W	2.441	-	-
September 2018	-	2.481	W	2.344	-	-
October 2017	W	2.156	W	1.932	-	-
North Dakota						
October 2018	W	2.628	W	2.437	-	-
September 2018	W	2.555	W	2.349	-	-
October 2017	W	2.163	W	1.940	-	-
Ohio						
October 2018	-	W	2.531	2.377	-	-
September 2018	-	W	2.435	2.278	-	-
October 2017	-	W	2.057	1.924	-	-
Oklahoma						
October 2018	-	W	W	2.359	-	-
September 2018	-	W	W	2.285	-	-
October 2017	-	1.991	1.873	1.861	-	-
South Dakota						
October 2018	W	2.692	W	2.459	-	-
September 2018	W	2.525	W	2.372	-	-
October 2017	W	2.148	W	1.953	-	-
Tennessee						
October 2018	-	W	2.461	2.343	-	-
September 2018	-	W	2.351	2.265	-	-
October 2017	-	W	1.980	1.829	-	-
Wisconsin						
October 2018	W	2.606	2.636	2.412	-	-
September 2018	W	W	2.522	2.333	-	-
October 2017	-	2.138	2.166	1.913	-	-
PAD District 3						
October 2018	-	W	2.390	2.314	-	W
September 2018	-	-	2.286	2.223	-	W
October 2017	-	W	1.855	1.754	-	W
Alabama						
October 2018	-	-	2.397	2.322	-	-
September 2018	-	-	2.292	2.238	-	-
October 2017	-	-	1.829	1.800	-	-
Arkansas						
October 2018	-	-	W	2.367	-	-
September 2018	-	-	W	2.279	-	-
October 2017	-	-	W	1.854	-	-
Louisiana						
October 2018	-	W	2.419	2.285	-	-
September 2018	-	-	2.331	2.173	-	-
October 2017	-	W	1.888	1.716	-	-
Mississippi						
October 2018	-	-	W	2.319	-	-
September 2018	-	-	W	2.237	-	-
October 2017	-	-	W	1.782	-	-
New Mexico						
October 2018	-	-	2.489	2.456	-	-
September 2018	-	-	2.379	2.346	-	-
October 2017	-	-	1.949	1.950	-	-
Texas						
October 2018	-	-	2.369	2.316	-	W
September 2018	-	-	2.262	2.235	-	W
October 2017	-	-	1.837	1.756	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
October 2018	3.179	2.790	2.500	2.507	-	-
September 2018	W	2.704	2.420	2.373	-	-
October 2017	W	2.306	2.018	2.068	-	-
Colorado						
October 2018	-	2.763	2.483	2.451	-	-
September 2018	-	2.714	2.408	2.365	-	-
October 2017	-	2.244	2.029	1.981	-	-
Idaho						
October 2018	W	2.751	2.584	2.564	-	-
September 2018	-	W	2.491	2.331	-	-
October 2017	W	2.436	2.185	2.184	-	-
Montana						
October 2018	W	2.723	W	2.520	-	-
September 2018	W	2.683	W	2.437	-	-
October 2017	W	2.222	W	2.008	-	-
Utah						
October 2018	-	W	NA	2.588	-	-
September 2018	-	W	2.462	2.331	-	-
October 2017	-	2.713	2.042	2.170	-	-
Wyoming						
October 2018	W	2.766	2.429	2.456	-	-
September 2018	W	2.699	2.338	2.412	-	-
October 2017	-	2.351	1.927	2.072	-	-
PAD District 5						
October 2018	W	2.629	2.577	2.488	-	-
September 2018	W	2.549	2.478	2.389	-	-
October 2017	W	2.230	2.070	1.959	-	-
Alaska						
October 2018	W	W	W	W	-	-
September 2018	W	W	W	W	-	-
October 2017	W	W	W	W	-	-
Arizona						
October 2018	-	-	2.550	2.462	-	-
September 2018	-	-	2.389	2.337	-	-
October 2017	-	-	2.032	1.913	-	-
California						
October 2018	-	-	2.612	2.524	-	-
September 2018	-	-	2.568	2.435	-	-
October 2017	-	-	2.040	1.968	-	-
Hawaii						
October 2018	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
October 2017	-	-	W	W	-	-
Nevada						
October 2018	-	-	NA	2.441	-	-
September 2018	-	-	W	2.395	-	-
October 2017	-	-	W	1.947	-	-
Oregon						
October 2018	-	W	3.049	2.414	-	-
September 2018	-	W	2.834	2.301	-	-
October 2017	-	W	2.231	1.974	-	-
Washington						
October 2018	-	W	2.551	2.412	-	-
September 2018	-	W	2.404	2.283	-	-
October 2017	W	W	2.036	1.960	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2017 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, "Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report."